

CLAIMS

- 5 1. A versatile panel with internal extruded profiles comprising:
base elements;
said base elements used in combination to create profiles;
said profiles having slits and slots;
said slots being used in combination with threaded mechanical fasteners.
- 10 2. A versatile panel with internal extruded profiles as in claim 1 wherein:
said base elements comprised of a first, second, third, and fourth element wherein a
first element has a flat surface and a pair of hooks;
a second element has an edge, channels, and a profile fin;
a third element has a hookable groove, a complementary notch, channels and clips;
15 a fourth element has a little hook, and a trim face.
- 20 3. A versatile panel with internal extruded profiles comprising:
base elements;
said base elements used in combination to create profiles;
said profiles having slits and slots;
said slots being used in combination with threaded mechanical fasteners.
said base elements comprised of a first, second, third, and fourth element wherein a
first element has a flat surface and a pair of hooks;
a second element has an edge, channels, and a profile fin;
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a third element has a hookable groove, channels and clips;

a fourth element has a little hook, and a trim face.

- 5 4. A versatile panel with internal extruded profiles as in claim 3 having the following method of assembly:

said profiles combined to create a panel by having four profiles intersecting in order to form a frame having four sides;

10 said intersection creating a corner wherein two intersecting profiles are being partially assembled by being loosely connected by way of said threaded mechanical fasteners moving within the range allowed by said slots and said spacing block used for setting a relative distance between said profiles;

inserting a first fascia and then moving said profiles so as to completely encase said fascia within said slits;

15 tightening said threaded mechanical fasteners so as to secure said frame; inserting a second fascia by bending said second fascia convexedly and then relaxing said second fascia so that the edges along its length can slide into said slits of said second element and;

20 said second fascia being slid along its length so that its first wide side can be fitted into yet another slit;

a second wide side having a gap filled in by said fourth element engaging said third element by way of said fourth element's said little hook engaging said complementary notch of said third element.

- 25 5. A versatile panel with internal extruded profiles as in claim 4 wherein the method

further includes inserting a spacer trim between said fourth element and said edge.

- 5 6. A versatile panel with internal extruded profiles as in claim 4 wherein;
a profile using a pane of glass instead of fascia has said first elements on either sides
acting as a framing device, over a profile using a combination of said second and
third elements;
a seal inserted into said third element to interface between said pane of glass and
said third element.
- 10 7. A versatile panel with internal extruded profiles as in claim 6 wherein; having
sealing gaskets being inserted into said channels.
- 15 8. A versatile panel with internal extruded profiles as in claim 3 further comprised of a
first and second fascia.
- 20 9. A versatile panel with internal extruded profiles as in claim 3 further comprised of a
first fascia and a solid core.
10. A versatile panel with internal extruded profiles as in claim 3 further comprised of
a first and second fascia, and a solid core.

11. A versatile panel with internal extruded profiles as in claim 3 further comprised of a first fascia, a solid core and hinges.

5 12. A versatile panel with internal extruded profiles as in claim 3 further comprised of a first and second fascia, a solid core and hinges.

13. A versatile panel with internal extruded profiles as in claim 3 further comprised of a first and second fascia, and hinges.

10 14. A versatile panel with internal extruded profiles as in claim 3 further comprised of a first fascia, a solid core, hinges, and a handle.

15 15. A versatile panel with internal extruded profiles as in claim 3 further comprised of a first and second fascia, a solid core, hinges, and a handle.

16. A versatile panel with internal extruded profiles as in claim 3 further comprised of a first and second fascia, hinges, and a handle.

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